

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	10/817186	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/19 17:14
S2	1535	((365/151,164,166) or (369/126)).CCL.S	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/19 17:16
S3	6	(metal adj sulf\$3) with memory	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/19 17:17
S4	1	(10/818261).APP.	USPAT; USOCR	AND	ON	2008/03/19 17:28
S5	11	("20030053350"   "4663270"   "5589692"   "6055180"   "6208553"   "6212093"   "6272038"   "6314019"   "6320200"   "6324091"   "6348700").PN. OR ("7259039"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/19 17:29
S6	17536	(metal adj sulf\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/19 17:30
S9	4	S7 S8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/20 14:14
S8	17548	(metal adj sulf\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/20 14:14

S7	1536	((365/151,164,166) or (369/126)).OCL.S.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/20 14:14
S10	37484	sulf\$3 with (memory or media)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/20 14:20
S11	11	S7 S10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/20 14:21
S13	76	S7 S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/20 14:30
S12	199496	sulf\$3 polymer (memory or media)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/20 14:30
S16	7	S7 S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/20 14:39
S15	6844	sulf\$3 polymer (memory or media) mems (actuat\$3 or probe)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/20 14:39
S14	17038	sulf\$3 polymer (memory or media) (mems or actual\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/20 14:39
S17	730	(sulf\$3 with polymer) (memory or media) mems (actuat\$3 or probe)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/20 14:42

S19	345	((copper or silver)adj2 sulf\$3) (memory or media) mems (actuats\$3 or probe or tip)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/20 15:00
S18	325	((copper or silver)adj2 sulf\$3) (memory or media) mems (actuats\$3 or probe)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/20 15:00
S20	7	(10/684883 10/684661 10/684760 09/465592).app. "5453970".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/20 15:31
S21	1	"7199394".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/20 15:45
S22	4	("20030053350"   "20030173612"   "20040102038"   "6656763"). FN. OR ("7199394").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/20 15:46
S24	11	("5281304"   "5350484"   "5393675"   "5492832"   "5840897"   "6211043"   "6429117").FN. OR ("6798068"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/20 15:47
S23	1	(10/305889).APP.	USPAT; USOCR	AND	ON	2008/03/20 15:47
S25	39	("4663270"   "5589692"   "6055180"   "6208553"   "6212093"   "6272038"   "6314019"   "6320200"   "6324091"   "6348700"   "6524944").FN. OR ("6656763"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/20 15:49
S26	2017	(probe or tip) (sulf\$3) (polyaniline or polyphenylacetylene or polydiphenylacetylene or polyacetylene or polyparaphenylene or polythiophene or polypyrrole)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/20 18:08
S28	125	S26 S27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/20 18:09
S27	4972	((257/40) or (365/151,153,164,166) or (369/126)).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/20 18:09

S29	931	(369/126).OCLS	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/21 12:12
S30	1	("7260051").PN	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/21 12:22
S32	236	(365/153).OCLS	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/21 13:04
S31	235	(365/151).OCLS	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/21 13:04
S33	0	(11/308817).APP	USPAT; USOCR	AND	ON	2008/03/21 13:09
S34	781	((actuator or probe) with graphite)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/21 13:24
S35	12	((actuator or probe) with graphite) (read\$3 or sens\$3) (writ\$3 or program\$4) (eras\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/21 13:28
S36	151	((STM or (scan\$4 adj tunnel\$4)) with graphite)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/21 13:45
S38	45	S36 (read\$3 or sens\$3) (writ\$3 or program\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/21 13:46
S37	22	S36 (read\$3 or sens\$3) (writ\$3 or program\$4) (eras\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/21 13:46
S39	495	((STM or (scan\$4 adj tunnel\$4) or tip or probe) near2 graphite)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/21 15:29
S40	4	((STM or (scan\$4 adj tunnel\$4) or tip or probe) near2 graphite) (mems same memory)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/21 15:30

S41	10	((STM or (scan\$4 adj tunnel\$4) or tip or probe) near2 graphite) (mems) (memory)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/21 15:32
S42	41	((STM or (scan\$4 adj tunnel\$4) or tip or probe) with graphite) (mems) (memory)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/21 15:36
S43	80	("20020101573"   "20020110074"   "20020135917"   "20030007443"   "20030081532"   "20030185139"   "20030189200"   "4340953"   "4575822"   "4829507"   "4831614"   "4916002"   "4916688"   "4943719"   "4945515"   "4962480"   "4968585"   "4987312"   "5038322"   "5043578"   "5051977"   "5091880"   "5095479"   "5097443"   "5132934"   "5144148"   "5187367"   "5196701"   "5216631"   "5251200"   "5260567"   "5262981"   "5265046"   "5289455"   "5307311"   "5323375"   "5329122"   "5335197"   "5389475"   "5412597"   "5444191"   "5446684"   "5453970"   "5471064"   "5471458"   "5537372"   "5557596"   "5561300"   "5606162"   "5615143"   "5679952"   "5751685"   "5778134"   "5801472"   "5804710"   "5808973"   "5822285"   "5835477"   "5848077"   "5856967"   "5929438"   "5935339"   "5953306"   "6001519"   "6027951"   "6038916"   "6084849"   "6196061"   "6249747"   "6275410"   "6339217"   "6366340"   "6369400"   "6507552"   "6522566"   "6542400"   "6647766"   "6819588") .PN. OR ("6982898").JFNF.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/21 15:41
S44	2339	polyparaphenylene	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/21 15:58

S45	10	polyparaphenylene mems	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/21 16:02
S47	70	carbon near2 (tip or probe) (actuator) memory	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/21 16:08
S46	271	carbon with (tip or probe) (actuator) memory	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/21 16:08
S48	1	(09/819402).APP.	USPAT; USOCR	AND	ON	2008/03/21 16:22
S49	55	carbon near2 (tip or probe) (actuator) (electro\$1mechanical)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/21 16:43
S50	67	carbon near2 (tip or probe) (actuator) (MEM\$1 or micro \$1electro\$1mechanical)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/21 16:49
S51	132	(tip or probe) (MEM\$1 or micro \$1electro\$1mechanical) (impedance or resistiv\$3 or resist \$4) (scan\$4 adj tunnel\$3) (memory)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/21 16:56
S54	87	micro\$1actuat\$3 canti\$1lever (scan\$4 adj tunnel\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/25 11:10
S56	45	mems ((feed\$1back adj loop) with distance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/25 17:09
S55	2319	mems (feed\$1back adj loop)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/25 17:09

S57	56	polymer with memory (reference adj cell)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/26 13:12
S59	157	polymer adj memory (reference with (sens\$3 or read\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/26 13:14
S58	36	polymer adj memory (reference adj cell)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/26 13:14
S60	15	polymer adj memory (reference with (sens\$3 or read\$3)) sulf\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/26 15:47
S61	0	(polymer adj memory) (scan\$4 adj tunnel\$3 adj microscop\$2) (feed\$1back)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/26 16:23
S63	13	memory (scan\$4 adj tunnel\$3 adj microscop\$2) with (feed \$1back)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/26 16:24
S62	1242	(scan\$4 adj tunnel\$3 adj microscop\$2) (feed\$1back)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/26 16:24
S64	2	"20050052983"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/26 16:46
S65	38	(memory adj cell) polymer (nanoparticle same ods)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/26 18:24

S66	1364	((sens\$3 or read\$3) near2 first) with eras\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/26 19:05
S67	86	((sens\$3 or read\$3) near2 first) with eras\$3 (multi\$4state or multi\$4value or multi\$4bit) (resist\$4 or impedance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/26 19:13
S68	30	((sens\$3 or read\$3 or measur \$3) with(resist\$4 or impedance) with (probe or tip) same eras\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/26 19:25
S69	164	("20020101573"   "20020110074"   "20020135917"   "20030007443"   "20030081532"   "20030185139"   "20030189200"   "4340953"   "4575822"   "4710899"   "4719594"   "4737934"   "4744055"   "4769338"   "4769682"   "4775425"   "4792501"   "4820394"   "4829507"   "4831614"   "4843443"   "4845533"   "4868616"   "4876667"   "4882295"   "4883686"   "4891330"   "4916002"   "4916688"   "4924436"   "4945515"   "4962480"   "4968585"   "4987312"   "5008617"   "5038322"   "5043578"   "5051977"   "5091880"   "5095479"   "5097443"   "5103284"   "5126635"   "5128099"   "5144148"   "5159661"   "5166758"   "5177567"   "5180686"   "5180690"   "5187367"   "5196701"   "5216631"   "5223308"   "5231047"   "5251200"   "5260567"   "5262981"   "5265046"   "5289455"   "5296716"   "5307311"   "5323375"   "5324553"   "5330630"   "5335197"   "5341328"   "5359205"   "5389475"   "5406509"   "5411591"   "5412597"   "5414271"   "5426092"	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/26 19:48



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		"6733956" "RE37259").PN. OR				
		("7301887").URPN.				
S70	56	eras\$3 \$69	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/26 19:51
S71	27	(read\$3 or sens\$3 or determin\$3 or measur\$3) with eras\$3 \$69	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/26 19:52

3/ 27/ 2008 10:44:28 AM

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